

HOUGH TRANSFORM BASED MOTION
DETECTION IMAGE RECORDING SYSTEM AND METHOD

5 ABSTRACT OF THE DISCLOSURE

10 A Hough based motion detection image recording system
includes an image sensor operable to view a surveillance
site and output real-time image data corresponding to the
site. The system also includes a processor operable to
15 receive the image data from the image sensor and a memory
coupled to the processor. The system includes a
transformation application residing in the memory and
executable by the processor. The transformation
application is operable to detect a real-time feature
20 segment associated with the site from the image data. The
system further includes an analysis engine residing in the
memory and executable by the processor. The analysis
engine is operable to compare the real-time feature segment
with a baseline feature segment and initiate recording of
the image data if the feature segment comparison exceeds a
predetermined criteria.